

PATENT ABSTRACTS OF JAPAN

D4

(11)Publication number : 2000-034823

(43)Date of publication of application : 02.02.2000

(51)Int.Cl.

E04F 15/02

(21)Application number : 10-202467

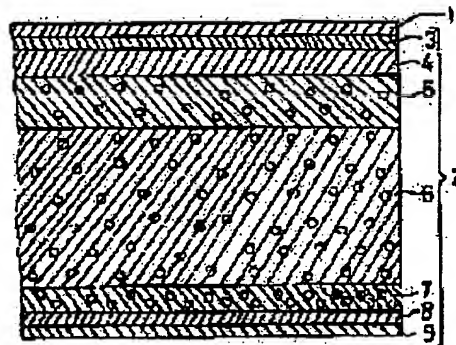
(71)Applicant : SUMIKA PLASTECH CO LTD
SUGAO:KK

(22)Date of filing : 17.07.1998

(72)Inventor : SUGAO HIROOMI
ARITA MICHYUKI**(54) TATAMI BED AND TATAMI MAT****(57)Abstract:**

PROBLEM TO BE SOLVED: To obtain a tatami mat which is light-weight and excellent in fireproof property and whose tatami bed can be easily cut and sewed and further whose warf can be prevented by providing a reinforcing material made of a foamed body of polypropylene or polyethylene and a sheet and a core material having a noncombustible or flame-retardant characteristic.

SOLUTION: The expansion ratio of foamed bodies 5, 7 such as polypropylene or polyethylene is 1.1-6 times. The tatami mat has a tatami bed 2 of 21-60 mm in the whole thickness. In this case, when the foamed bodies 5, 7 relative to the upper and lower faces of the core material are used as reinforcing materials, the expansion ratio of the upper foamed body 5 is made 2-4 times and that of the lower foamed body 7 is made 1.2-4 times. In this time, the thickness of the reinforcing material of the upper foamed body 5 is made 2-6 mm and that of the lower foamed body 7 is made 1-4 mm. When using it for a thin tatami bed 2, the whole thickness is made to be not more than 20 mm and the thickness of the reinforcing material of the upper foamed body 5 is made 1-4 mm and that of the lower foamed body 7 is made 0.5-2 mm. In this way, a tatami mat chiefly made of a resin which is excellent in heat insulation property and prevents dust from stirring up can be obtained and the working environment can be improved thereby.

**LEGAL STATUS**

[Date of request for examination]

01.11.2002

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office